

(PCT Article 36 and Rule 70)

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/013266

## Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1, 3-26 as originally filed/furnished
- pages\* 2, 2/1 received by this Authority on 04.07.2005
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- nos. 4, 5, 7, 15-21 as originally filed/furnished
- nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- nos.\* 1, 3, 6, 8-14 received by this Authority on 07.04.2005
- nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- sheets fig. 1-20 as originally filed/furnished
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☒ The amendments have resulted in the cancellation of:
- ☐ the description, pages \_\_\_\_\_
- ☒ the claims, nos. 2
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/013266

Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1. Statement			
Novelty (N)	Claims	<u>1, 3-21</u>	YES
	Claims	<u></u>	NO
Inventive step (IS)	Claims	<u>1, 3-21</u>	YES
	Claims	<u></u>	NO
Industrial applicability (IA)	Claims	<u>1, 3-21</u>	YES
	Claims	<u></u>	NO
2. Citations and explanations (Rule 70.7)			
<p>Document 1: JP 2002-74620 A (Mitsumi Electric Co., Ltd.), 15 March 2002, entire text; fig. 1-4</p> <p>Document 2: JP 2002-74617 A (Sony Corp.), 15 March 2002, paragraphs [0073]-[0076]; fig. 22</p> <p>Document 3: JP 2002-176210 A (Alps Electric Co., Ltd.), 21 June 2002, entire text; fig. 1-19</p> <p>Document 4: WO 03/056276 A (Matsushita Electric Industrial Co., Ltd.), 10 July 2003, entire text; Fig. 1-4</p> <p>Claims 1 and 3-21</p> <p>Documents 1 to 4 are documents that reflect the general state of the art in this technical field and disclose the feature of using a Co-based magnetic domain controlling film, in which an underlay (8) of Cr or the like is laminated repeatedly with a Co-based magnetic layer (9) such as CoRt, CoCrPt or the like, on a permanent magnetic film for applying a bias magnetic field and the feature wherein said permanent magnetic film is a rectangular shape having long sides and short sides. However, the feature of arranging multiple magnetic bias films in the widthwise direction is neither disclosed nor suggested in the documents cited in the</p>			

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/013266

Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

international search report.